

NEW CLAIMS

1. Powdered disinfectant based on active oxygen and containing a peracetic acid-generating system formed of a peroxide and an acylating agent together with nonionic surfactants, wherein said nonionic surfactants are free from alkoxylated alkyl phenols and comprise linear or 2-methyl-branched ether alcohols corresponding to the formula



- 10 wherein the alkyl and alkenyl residues R are made up as follows:

C ₈	=	0 to 5 % by weight;
C ₉₋₁₀	=	75 to 90 % by weight;
C ₁₁₋₁₂	=	5 to 15 % by weight;
C ₁₃₋₁₄	=	4 to 10 % by weight;
15 C ₁₅₋₁₆	=	0 to 3 % by weight.

2. Disinfectant according to claim 1, characterized in that the above-mentioned peroxide is selected from the group of sodium perborate monohydrate, sodium perborate tetrahydrate, sodium percarbonate and mixtures thereof.

20

3. Disinfectant according to one or more of claims 1 or 2, characterized in that the above-mentioned acylating agent is selected from the group of tetraacetyl glycoluril, tetraacetyl ethylenediamine, diacetyl hexahydrotriazine dione and mixtures thereof.

25

4. Disinfectant according to one or more of claims 1 to 3, characterized in that it contains
10 to 70 % by weight, preferably 15 to 60 % by weight of the above-mentioned peroxide,

10 to 40 % by weight, preferably 15 to 30 % by weight of the above-mentioned acylating agent,

0.1 to 10 % by weight, preferably 0.5 to 5 % by weight, of the above-mentioned nonionic surfactant and

5 to 100 % by weight of soluble inorganic salt and optionally further auxiliaries.

5. Use of the disinfectants according to any one of claims 1 to 4 for disinfecting surfaces.

10 6. Use of the disinfectants according to any one of claims 1 to 4 for disinfecting instruments.

7. Use of the disinfectants according to any one of claims 1 to 4 for killing gram-positive bacteria.

15

8. Use of the disinfectants according to any one of claims 1 to 4 for killing mycobacteria.

9. Use of the disinfectants according to any one of claims 1 to 4 for killing
20 viruses.